



**Plans for mc\_unjoh**

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**MC Meeting**

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## Step 1.

### Introduce New Metadata System

- Will receive input from Rod & Iain
- Will be geared towards 'modularization'
- Will require modifications to SAM code

### Development Info on Web @

[http://www-clued0.national.gov/Metadata/new\\_metadata.html](http://www-clued0.national.gov/Metadata/new_metadata.html)

You can see the code as it is developed LIVE!!!!



## Step 2.

### Integrate SamStore, DAGMAN configurators

- Developed by Rod, Jeff, Martin
- Include in head version of code
- Released in next version

### Development Info on Web @

[http://www-clued0.fnal.gov/~www-clued0/final.gov/mc\\_runjob/mc\\_runjob-devel.html](http://www-clued0.fnal.gov/~www-clued0/final.gov/mc_runjob/mc_runjob-devel.html)



### Step 3.

#### Error Checking and Diagnostics

- After each executable
  - If all OK, Make the Metadata
  - If not, Can it and return error info
  - If OK look at declaring Metadata into SAM
- for interim files via SAMDeclareMixin**



#### **Step 4.**

#### **SamStream Configurator**

- **Provide files from SAM with Metadata**
- **Get Files from SAM and store them locally**
- **Run with an existing SAM project**
- **Could generate a shell script or import SAM code directly**



## New Features

**There are lots, you are referred to the webpage for a complete list:**

**[http://www-clued0.fnal.gov/mc\\_runjob/mc\\_runjob\\_configguide.html](http://www-clued0.fnal.gov/mc_runjob/mc_runjob_configguide.html)**

**Important ones are:**

**Plate Geometry switch in d0gstar**

**Minbias runtime directory building ( IAB )**

**Switch to keep digichunks in d0sim**

**Maxopt that actually works ( Allegedly .. )**

**Trigsim might actually work ( release problem not runjob! )**



**Heads Up!!!**

**At Christmas I go to 1 day per week maximum on MC software  
I will make sure it is in as stable a state as possible, and hope to get all  
the new stuff finished.**

**Have to do Physics... (Whatever that is???)**

